



Revision number: 1

Purchasing Agent: DEBBIE GUNDERSEN

Item: LED CHANGEABLE MESSAGE SIGN WITH SOLAR PANELS. (BASE UNIT ONLY NO ADD ONS)

Vendor: 91630A ADDCO
18548 3RD AVE. NW
SHORELINE WA 98177

Internet Homepage: www.addcoinc.com

Telephone: (206) 542-4624

Fax number: (206) 542-4213

Contact: DAVID BERKMAN

Email address: djberkman@addcoinc.com

Brand/trade name:

Price: SEE ATTACHED PRICE LIST
Terms: NET 30
Effective dates: 06/15/01 THROUGH 06/15/03
Days required for delivery: 45 DAYS
Price guarantee period: 1 YEAR
Minimum order: 1 UNIT
Min shipment without charges: INCLUDED IN UNIT PRICE
Other conditions:

Revision #1: Extending this Contract until 06/15/03

Remittance Address: 240 Arlington Ave. E, St. Paul MN 55117

This contract resulted from bid # DG1155.

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.



- 1- LED CHANGEABLE MESSAGE SIGNS, SOLAR PANELS, COMPUTER OPERATIONS INTERFACE, ALL MOUNTED ON A HEAVY DUTY TOWABLE TRAILER.
DH - 1000 ALS-UT DELIVERED - \$18,490.00/EA.**

NO OPTIONS OR ADDITIONS ALLOWED AS ADD ONS TO THIS UNIT. ONLY BASE UNIT CAN BE PURCHASED FROM THIS CONTRACT.

GENERAL SPECIFICATIONS

The message boards are to be new units of current model. The equipment is to meet the following specifications but is not limited as to features furnished by the manufacturer. The equipment is to have all standard features. The equipment is to be delivered assembled, serviced, tested and ready to operate with correct fluids at operating levels and unit to have a full tank of fuel.

The complete units include: LED Portable Changeable Message Board, solar panels, high capacity battery charger, batteries, computer and controls, jacks with crank type swivel, complete lighting to standard highway specifications and heavy duty trailer.

Equipment furnished to the State of Utah must meet current State and Federal safety regulations.

Bid to state terms of warranty or include copy of standard warranties.

1 year parts

Electronics & Display - Wear Parts i.e. Tires not included.

DETAIL SPECIFICATIONS

Complete Units Dimensions

To be approximately 9 ft. high in travel position.

To be 13 ft. (min.) high in raised position.

To be approximately 12 ft. long.

To be 8 ft. wide approximately in travel position.

To be 9 to 10 ft. wide in display position.

Weight

To be 3300 lbs. Approximately operating weight.

Wind

To be designed for 65 mph towing speed in travel position. To withstand wind gusts to 80 mph in display position with all jack set.

Trailer

Tires, Brakes, Hitch

Axle To have single drop axle rated 3,500 lb. (Min.)

To have 15 inch, 6 PE, load range C tires

To have hydraulic surge brakes

To have 2" coupler hitch.

To have heavy duty safety chains with safety hooks.

To have four each 2,000 pound capacity jacks with crank type swivels.

To have complete lighting to standard highway specifications.

Message Board

Dimensions

Overall - 72 inch. High X 130 inch. Wide x 10 inch deep approximately.

**Characters**

To have 3 lines of 8 characters each approximately. Each character displayed in each line is clearly visible from 1000 feet (min.) At night there is an increase in the 1000-foot legibility. Character size to be a minimum of 12-1/2" wide X 18" high.

The message board in both night and day conditions, brightness is automatically adjusted according to ambient light conditions.

To have full size left of right moving arrow using all three lines, which replaces display message.

Housing

Board to be enclosed in weather tight housing with clear polycarbonate front.

Solar

Minimum of two 100 Watt solar panels which produce 200 watts of solar power, or approved equal.

Repair

Modules and each character, along with associated control boards are to be identical and easily replaced. The control driver boards are interchangeable with all other column driver boards.

Batteries

The battery bank to have a minimum capacity of 940 Amp-Hours. Eight 6 VDC Deep Cycle batteries to obtain 12 volts. (Minimum)

Charger

To have a built-in charger capable of completely recharging the entire system from a default condition in less than 24 hours.

Sign controller**Input**

Standard keyboard input, Keyboard designed for weather resistance.

Display

To have LCD display, 4 lines by 20 characters approximately.

Functions

Control of sign display including:

Selecting stored standard messages.

Creating message with 64k Program Memory, 4k Ram (min.).

Sequencing messages.

Controlling display time and flashing.

Selecting arrows.

Automatic control of lights.

A password must be entered into the controller by the operator to modify sign message information.

The dot-sign is unaffected by all type of RF interference.

Other functions as standard for unit.

Exceptions: Uses Hand-Held Keyboard.



REPORTS:

THE CONTRACTOR WILL SUBMIT YEARLY REPORTS TO THE STATE PURCHASING AGENT SHOWING QUANTITIES AND DOLLAR VOLUME OF PURCHASES BY EACH AGENCY AND POLITICAL SUBDIVISION. THIS REPORT WILL BE DUE 05/15/03.

FINET COMMODITY CODE(S): **FOR AGENCY USE ONLY**

80166000000-SIGNS, ELECTRONIC DISPLAY (MARQUE, ETC.)